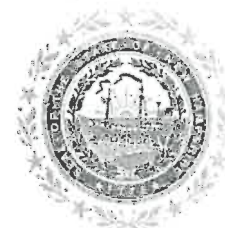


**WETLANDS PERMIT APPLICATION**

Land Resources Management

Wetlands Bureau

Check the status of your application: www.des.nh.gov/onestop

Administrative Use Only	Administrative Use Only	Administrative Use Only	RECEIVED TOWN OF GILFORD JUN 30 2017 Department of Planning and Public Works
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1. REVIEW TIME:

Indicate your Review Time below. Refer to Guidance Document A for instructions.

☐ Standard Review (Minimum, Minor or Major Impact)☒ Expedited Review (Minimum Impact only)**2. PROJECT LOCATION:**

Separate applications must be filed with each municipality that jurisdictional impacts will occur in.

ADDRESS: **At the Corner of NH Rte 11 and the US Rte 3 Bypass On Ramp**TOWN/CITY: **Gilford**

TAX MAP:

BLOCK:

LOT:

UNIT:

USGS TOPO MAP WATERBODY NAME:

☐ NA

STREAM WATERSHED SIZE:

☐ NALOCATION COORDINATES (If known): **43.566008, -71.435125**☒ Latitude/Longitude ☐ UTM ☐ State Plane**3. PROJECT DESCRIPTION:**

Provide a brief description of the project outlining the scope of work. Attach additional sheets as needed to provide a detailed explanation of your project. DO NOT reply "See Attached" in the space provided below.

District 3 forces will be widening NH Rte 11 without moving the toe of slope in order to allow weaving of traffic coming off of US Rte 3 bypass on the opposite side of Rte 11 from the widening work. This will require the installation of a new 4 feet drainage structure, pipe to the existing structure and removing the existing frame and grate from the existing structure and adding a manhole cover in order to continue the toe of slope over the top of the existing structure.

4. SHORELINE FRONTAGE☒ NA This lot has no shoreline frontage.

SHORELINE FRONTAGE:

Shoreline frontage is calculated by determining the average of the distances of the actual natural navigable shoreline frontage and a straight line drawn between the property lines, both of which are measured at the normal high water line.

5. RELATED PERMITS, ENFORCEMENT, EMERGENCY AUTHORIZATION, SHORELAND, ALTERATION OF TERRAIN, ETC.**6. NATURAL HERITAGE BUREAU & DESIGNATED RIVERS:**

See the Instructions & Required Attachments document for instructions to complete a & b below.

a. Natural Heritage Bureau File ID: **NHB 17 - 2076**b. ☐ Designated River the project is in ¼ miles of: _____; anddate a copy of the application was sent to the Local River Management Advisory Committee: Month: ____ Day: ____ Year: ____☒ NA

shoreland@des.nh.gov or (603) 271-2147
 NHDES Wetlands Bureau, 29 Hazen Drive, PO Box 95, Concord, NH 03302-0095
www.des.nh.gov

7. APPLICANT INFORMATION (Desired permit holder)LAST NAME, FIRST NAME, M.I.: **Hanscome, Alan G**TRUST / COMPANY NAME: **NHDOT District 3**MAILING ADDRESS: **2 Sawmill Road**TOWN/CITY: **Gilford**STATE: **NH**ZIP CODE: **03249**EMAIL or FAX: **Alan.Hanscom@dot.nh.gov**PHONE: **(603) 524-6667**ELECTRONIC COMMUNICATION: By initialing here: AI, I hereby authorize NHDES to communicate all matters relative to this application electronically**8. PROPERTY OWNER INFORMATION (If different than applicant)**LAST NAME, FIRST NAME, M.I.: **Same**

TRUST / COMPANY NAME:

MAILING ADDRESS:

TOWN/CITY:

STATE:

ZIP CODE:

EMAIL or FAX:

PHONE:

ELECTRONIC COMMUNICATION: By initialing here _____, I hereby authorize NHDES to communicate all matters relative to this application electronically

9. AUTHORIZED AGENT INFORMATION

LAST NAME, FIRST NAME, M.I.:

COMPANY NAME:

MAILING ADDRESS:

TOWN/CITY:

STATE:

ZIP CODE:

EMAIL or FAX:

PHONE:

ELECTRONIC COMMUNICATION: By initialing here _____, I hereby authorize NHDES to communicate all matters relative to this application electronically

10. PROPERTY OWNER SIGNATURE:

See the Instructions & Required Attachments document for clarification of the below statements

By signing the application, I am certifying that:

1. I authorize the applicant and/or agent indicated on this form to act in my behalf in the processing of this application, and to furnish upon request, supplemental information in support of this permit application.
2. I have reviewed and submitted information & attachments outlined in the Instructions and Required Attachment document.
3. All abutters have been identified in accordance with RSA 482-A:3, I and Env-Wt 100-900.
4. I have read and provided the required information outlined in Env-Wt 302.04 for the applicable project type.
5. I have read and understand Env-Wt 302.03 and have chosen the least impacting alternative.
6. Any structure that I am proposing to repair/replace was either previously permitted by the Wetlands Bureau or would be considered grandfathered per Env-Wt 101.47.
7. I have submitted a Request for Project Review (RPR) Form (www.nh.gov/nhdhr/review) to the NH State Historic Preservation Officer (SHPO) at the NH Division of Historical Resources to identify the presence of historical/ archeological resources while coordinating with the lead federal agency for NHPA 106 compliance.
8. I authorize NHDES and the municipal conservation commission to inspect the site of the proposed project.
9. I have reviewed the information being submitted and that to the best of my knowledge the information is true and accurate.
10. I understand that the willful submission of falsified or misrepresented information to the New Hampshire Department of Environmental Services is a criminal act, which may result in legal action.
11. I am aware that the work I am proposing may require additional state, local or federal permits which I am responsible for obtaining.



Property Owner Signature

Print name legibly

Date 11/6/30/17

MUNICIPAL SIGNATURES

11. CONSERVATION COMMISSION SIGNATURE

The signature below certifies that the municipal conservation commission has reviewed this application, and:

1. Waives its right to intervene per RSA 482-A:11;
2. Believes that the application and submitted plans accurately represent the proposed project; and
3. Has no objection to permitting the proposed work.

<input type="checkbox"/> <i>Carole Hall</i>	<i>Carole Hall</i> <small>Print name legibly</small>	<i>6/30/17</i> <small>Date</small>
---	---	---------------------------------------

DIRECTIONS FOR CONSERVATION COMMISSION

1. Expedited review ONLY requires that the conservation commission's signature is obtained in the space above.
2. Expedited review requires the Conservation Commission signature be obtained **prior** to the submittal of the original application to the Town/City Clerk for signature.
3. The Conservation Commission may refuse to sign. If the Conservation Commission does not sign this statement for any reason, the application is not eligible for expedited review and the application will reviewed in the standard review time frame.

12. TOWN / CITY CLERK SIGNATURE

As required by Chapter 482-A:3 (amended 2014), I hereby certify that the applicant has filed four application forms, four detailed plans, and four USGS location maps with the town/city indicated below.

<input type="checkbox"/> <i>Jennifer L. Mooney</i> <small>Town/City Clerk Signature</small>	<i>Jennifer L. Mooney</i> <small>Print name legibly</small>	<i>Gifford</i> <small>Town/City</small>	<i>7/25/17</i> <small>Date</small>
--	--	--	---------------------------------------

DIRECTIONS FOR TOWN/CITY CLERK:

Per RSA 482-A:3,I

1. For applications where "Expedited Review" is checked on page 1, if the Conservation Commission signature is not present, NHDES will accept the permit application, but it will NOT receive the expedited review time.
2. IMMEDIATELY sign the original application form and four copies in the signature space provided above;
3. Return the signed original application form and attachments to the applicant so that the applicant may submit the application form and attachments to NHDES by mail or hand delivery.
4. IMMEDIATELY distribute a copy of the application with one complete set of attachments to each of the following bodies: the municipal Conservation Commission, the local governing body (Board of Selectmen or Town/City Council), and the Planning Board; and
5. Retain one copy of the application form and one complete set of attachments and make them reasonably accessible for public review.

DIRECTIONS FOR APPLICANT:

1. Submit the single, original permit application form bearing the signature of the Town/ City Clerk, additional materials, and the application fee to NHDES by mail or hand delivery.

13. IMPACT AREA:

For each jurisdictional area that will be/has been impacted, provide square feet and, if applicable, linear feet of impact

Permanent: impacts that will remain after the project is complete.Temporary: impacts not intended to remain (and will be restored to pre-construction conditions) after the project is complete.

JURISDICTIONAL AREA	PERMANENT Sq. Ft. / Lin. Ft.	TEMPORARY Sq. Ft. / Lin. Ft.
Forested wetland	<input type="checkbox"/> ATF	<input type="checkbox"/> ATF
Scrub-shrub wetland	<input type="checkbox"/> ATF	<input type="checkbox"/> ATF
Emergent wetland	25 <input type="checkbox"/> ATF	200 <input type="checkbox"/> ATF
Wet meadow	<input type="checkbox"/> ATF	<input type="checkbox"/> ATF
Intermittent stream	<input type="checkbox"/> ATF	<input type="checkbox"/> ATF
Perennial Stream / River	/ <input type="checkbox"/> ATF	/ <input type="checkbox"/> ATF
Lake / Pond	/ <input type="checkbox"/> ATF	/ <input type="checkbox"/> ATF
Bank - Intermittent stream	/ <input type="checkbox"/> ATF	/ <input type="checkbox"/> ATF
Bank - Perennial stream / River	/ <input type="checkbox"/> ATF	/ <input type="checkbox"/> ATF
Bank - Lake / Pond	/ <input type="checkbox"/> ATF	/ <input type="checkbox"/> ATF
Tidal water	/ <input type="checkbox"/> ATF	/ <input type="checkbox"/> ATF
Salt marsh	<input type="checkbox"/> ATF	<input type="checkbox"/> ATF
Sand dune	<input type="checkbox"/> ATF	<input type="checkbox"/> ATF
Prime wetland	<input type="checkbox"/> ATF	<input type="checkbox"/> ATF
Prime wetland buffer	<input type="checkbox"/> ATF	<input type="checkbox"/> ATF
Undeveloped Tidal Buffer Zone (TBZ)	<input type="checkbox"/> ATF	<input type="checkbox"/> ATF
Previously-developed upland in TBZ	<input type="checkbox"/> ATF	<input type="checkbox"/> ATF
Docking - Lake / Pond	<input type="checkbox"/> ATF	<input type="checkbox"/> ATF
Docking - River	<input type="checkbox"/> ATF	<input type="checkbox"/> ATF
Docking - Tidal Water	<input type="checkbox"/> ATF	<input type="checkbox"/> ATF
TOTAL	25 /	200 /

14. APPLICATION FEE: See the Instructions & Required Attachments document for further instruction☐ Minimum Impact Fee: Flat fee of \$ 200☐ Minor or Major Impact Fee: Calculate using the below table belowPermanent and Temporary (non-docking) 225 sq. ft. X \$0.20 = \$ 45Temporary (seasonal) docking structure: _____ sq. ft. X \$1.00 = \$Permanent docking structure: _____ sq. ft. X \$2.00 = \$Projects proposing shoreline structures (including docks) add \$200 = \$Total = \$ 45The Application Fee is the above calculated Total or \$200, whichever is greater = \$ 200



New Hampshire Natural Heritage Bureau

To: Sarah Large
7 Hazen Drive
Concord, NH 03301

Date: 6/30/2017

From: NH Natural Heritage Bureau

Re: Review by NH Natural Heritage Bureau of request dated 6/30/2017

NHB File ID: NHB17-2076

Applicant: Sarah Large

Location: Tax Map(s)/Lot(s):
Gilford

Project Description: The relocation of a catch basin back about 10 feet.

The NH Natural Heritage database has been checked for records of rare species and exemplary natural communities near the area mapped below. The species considered include those listed as Threatened or Endangered by either the state of New Hampshire or the federal government. We currently have no recorded occurrences for sensitive species near this project area.

A negative result (no record in our database) does not mean that a sensitive species is not present. Our data can only tell you of known occurrences, based on information gathered by qualified biologists and reported to our office. However, many areas have never been surveyed, or have only been surveyed for certain species. An on-site survey would provide better information on what species and communities are indeed present.

This report is valid through 6/29/2018.



United States Department of the Interior

FISH AND WILDLIFE SERVICE
New England Ecological Services Field Office
70 Commercial Street, Suite 300
Concord, NH 03301-5094
Phone: (603) 223-2541 Fax: (603) 223-0104
<http://www.fws.gov/newengland>



In Reply Refer To:
Consultation Code: 05E1NE00-2017-SLI-2005
Event Code: 05E1NE00-2017-E-04386
Project Name: Gilford M314-22

June 30, 2017

Subject: List of threatened and endangered species that may occur in your proposed project location, and/or may be affected by your proposed project

To Whom It May Concern:

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 et seq.).

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the ECOS-IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the ECOS-IPaC system by completing the same process used to receive the enclosed list.

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 et seq.), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the

human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2) (c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

<http://www.fws.gov/endangered/esa-library/pdf/TOC-GLOS.PDF>

Please be aware that bald and golden eagles are protected under the Bald and Golden Eagle Protection Act (16 U.S.C. 668 et seq.), and projects affecting these species may require development of an eagle conservation plan (http://www.fws.gov/windenergy/eagle_guidance.html). Additionally, wind energy projects should follow the wind energy guidelines (<http://www.fws.gov/windenergy/>) for minimizing impacts to migratory birds and bats.

Guidance for minimizing impacts to migratory birds for projects including communications towers (e.g., cellular, digital television, radio, and emergency broadcast) can be found at: <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/towers.htm>; <http://www.towerkill.com>; and <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/comtow.html>.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Tracking Number in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

- Official Species List

Official Species List

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

New England Ecological Services Field Office
70 Commercial Street, Suite 300
Concord, NH 03301-5094
(603) 223-2541

Project Summary

Consultation Code: 05E1NE00-2017-SLI-2005

Event Code: 05E1NE00-2017-E-04386

Project Name: Gilford M314-22

Project Type: TRANSPORTATION

Project Description: Relocate drainage catch basin about 10 feet back from existing location along the NH Route 11 intersection with Route 3 Bypass onramp

Project Location:

Approximate location of the project can be viewed in Google Maps:

<https://www.google.com/maps/place/43.56610041567657N71.43526828414448W>



Counties: Belknap, NH

Endangered Species Act Species

There is a total of 2 threatened, endangered, or candidate species on your species list. Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species. See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area. Please contact the designated FWS office if you have questions.

Mammals

NAME	STATUS
Northern Long-eared Bat (<i>Myotis septentrionalis</i>)	Threatened
No critical habitat has been designated for this species.	
Species profile: https://ecos.fws.gov/ecp/species/9045	

Flowering Plants

NAME	STATUS
Small Whorled Pogonia (<i>Isotria medeoloides</i>)	Threatened
No critical habitat has been designated for this species.	
Species profile: https://ecos.fws.gov/ecp/species/1890	

Critical habitats

There are no critical habitats within your project area.

Note to File

The Bureau of Environment has consulted with the lead Federal Agency (ACOE in this case) on the hits for Small Whorled Pogonia and the Northern Long Eared Bat and it was determined that the work proposed will not likely impact either species. A survey for the Small Whorled Pogonia was performed while BOE was at the site with District on Tuesday July 13, 2017 and no species were observed. There will be no tree clearing involved in this work either, therefore it was determined that these species have been reviewed and no formal consultation is required.

Included is the correspondence with Michael Hicks, US Army Corp, for follow up on USF&WS IPaC results.

Large, Sarah

From: Hicks, Michael C CIV USARMY CENAE (US) <Michael.C.Hicks@usace.army.mil>
Sent: Wednesday, July 05, 2017 1:45 PM
To: Large, Sarah
Cc: Urban, Matt
Subject: RE: Gilford M314-22 NLEB & Small-Whorled Pagonia Coordination

Sarah,

It appears you have performed a SWP Survey and no species were found and since no trees are being cut you have the SWP and NLEB covered.

~~Do you have an update on the information request I sent Jon pertaining to the RT 12 Walpole Charlestown Project. As soon as I get it I will send out the Public Notice. I think Jon said he was going to talk to Matt. That was at the end of last week before the holiday.~~ Different Project

Thanks,
Mike

Michael Hicks, PM
USACE, REG DIV., BR. C
978-318-8157

-----Original Message-----

From: Large, Sarah [<mailto:Sarah.Large@dot.nh.gov>]
Sent: Wednesday, July 05, 2017 10:10 AM
To: Hicks, Michael C CIV USARMY CENAE (US) <Michael.C.Hicks@usace.army.mil>
Cc: Urban, Matt <Matt.Urban@dot.nh.gov>
Subject: [Non-DoD Source] Gilford M314-22 NLEB & Small-Whorled Pagonia Coordination

Good morning Mike,

I am working with District 3 to put together a minimum expedited permit application for work along NH Route 11 at the intersection of US Route 3 bypass on ramp in Gilford, NH. I got hits for Northern Long Eared Bat and Small Whorled Pagonia through my IPaC search but did not get any hits on my NHB search. I am hopeful that I can coordinate with you on what and if there are any further necessary steps to take regarding these two species.

District is planning on relocating a drainage basin back about 10 feet that is located at the curve from NH Route 11 to the on ramp to US Route 3. The area is emergent wetland that is fed by runoff traveling through a manmade ditch line that runs along NH Route 11. They plan to also slightly widen NH Route 11 in through this area only.

The emergent wetland where they currently have a drainage basin and they plan to relocate the new one back into doesn't seem like appropriate habitat for the small whorled pagonia, nor does the manmade ditch. The soils are mucky

and there are lots of ferns and grass that don't seem to support the type of habitat that the small whorled pogonia is often found in. When Matt and I were in the field with District we did not observe any growing.

As for the Northern Long Eared Bat, District does not plan to do any tree removal in this area. I am also under the understanding that Gilford does not have any known hibernacula nor maternity roost trees. Would you like me to fill out a 4(d) rule form and submit it to you?

Thank you ,

Sarah Large

Wetlands Program Aide

NH Department of Transportation

Bureau of Environment

Wetland Application – NHDOT Cultural Resources Review

For the purpose of compliance with regulations of the National Historic Preservation Act, the Advisory Council on Historic Preservation's *Procedures for the Protection of Historic Properties* (36 CFR 800), the US Army Corps of Engineers' *Appendix C*, and/or state regulation RSA 227-C:9, *Directive for Cooperation in the Protection of Historic Resources*, the NHDOT Cultural Resources Program has reviewed the enclosed Standard Dredge and Fill Application for potential impacts to historic properties.

Proposed Project: at the corner of NH RT 11 & US RT 3 Bypass on ramp. District 3 proposes to widen NH RT 11 without moving the toe of slop to allow traffic weaving coming off US RT 3 bypass on the opposite side of RT 11. This will require installation of a new 4 ft catch basin drainage structure, a pipe to the existing structure, and removal of existing frame and grate, addition of a manhole cover to continue the toe of slope over the top of the existing structure.

Above Ground Review

Known/approximate age of structure:

☒ No Potential to Cause Effect/No Concerns

No standing structures.

☐ Concerns:

Below Ground Review

Recorded Archaeological site: ☐ Yes ☒ No

Nearest Recorded Archaeological Site Name & Number: 27-BK-0043 (no name)

☐ Pre-Contact ☒ Post-Contact

Distance from Project Area:

1.65 miles (2.65 km) northwest of project area

☒ No Potential to Cause Effect/No Concerns

Proposed location appears previously impacted by road shoulder construction and drainage ditching parallel to NH RT 11.

☐ Concerns:

Reviewed by:

Shirley Charles

7/5/2017

NHDOT Cultural Resources Staff

Date:



**US Army Corps
of Engineers**
New England District

**U.S. Army Corps of Engineers
New Hampshire Programmatic General Permit (PGP)
Appendix B - Corps Secondary Impacts Checklist
(for inland wetland/waterway fill projects in New Hampshire)**

1. Attach any explanations to this checklist. Lack of information could delay a Corps permit determination.
2. All references to "work" include all work associated with the project construction and operation. Work includes filling, clearing, flooding, draining, excavation, dozing, stumping, etc.
3. See PGP, GC 5 regarding single and complete projects.
4. Contact the Corps at (978) 318-8832 with any questions.

1. Impaired Waters	Yes	No
1.1 Will any work occur within 1 mile upstream in the watershed of an impaired water? See http://des.nh.gov/organization/divisions/water/wmb/section401/impaired_waters.htm to determine if there is an impaired water in the vicinity of your work area.*		x
2. Wetlands	Yes	No
2.1 Are there are streams, brooks, rivers, ponds, or lakes within 200 feet of any proposed work?		x
2.2 Are there proposed impacts to SAS, shellfish beds, special wetlands and vernal pools (see PGP, GC 26 and Appendix A)? Applicants may obtain information from the NH Department of Resources and Economic Development Natural Heritage Bureau (NHB) website, www.nhnaturalheritage.org , specifically the book Natural Community Systems of New Hampshire .		x
2.3 If wetland crossings are proposed, are they adequately designed to maintain hydrology, sediment transport & wildlife passage?		N/A
2.4 Would the project remove part or all of a riparian buffer? (Riparian buffers are lands adjacent to streams where vegetation is strongly influenced by the presence of water. They are often thin lines of vegetation containing native grasses, flowers, shrubs and/or trees that line the stream banks. They are also called vegetated buffer zones.)		N/A
2.5 The overall project site is more than 40 acres.		x
2.6 What is the size of the existing impervious surface area?	165 x 30 = 4950	4950
2.7 What is the size of the proposed impervious surface area?	1/2 (165)(5) = 412.50	412.50
2.8 What is the % of the impervious area (new and existing) to the overall project site?	8 %	
3. Wildlife	Yes	No
3.1 Has the NHB determined that there are known occurrences of rare species, exemplary natural communities, Federal and State threatened and endangered species and habitat, in the vicinity of the proposed project? (All projects require a NHB determination.)		x
3.2 Would work occur in any area identified as either "Highest Ranked Habitat in N.H." or "Highest Ranked Habitat in Ecological Region"? (These areas are colored magenta and green, respectively, on NH Fish and Game's map, "2010 Highest Ranked Wildlife Habitat by Ecological Condition.") Map information can be found at: <ul style="list-style-type: none"> • PDF: www.wildlife.state.nh.us/Wildlife/Wildlife_Plan/highest_ranking_habitat.htm. • Data Mapper: www.granit.unh.edu. • GIS: www.granit.unh.edu/data/downloadfreedata/category/databycategory.html. 		x
3.3 Would the project impact more than 20 acres of an undeveloped land block (upland, wetland/waterway) on the entire project site and/or on an adjoining property(s)?		x
3.4 Does the project propose more than a 10-lot residential subdivision, or a commercial or industrial development?		x
3.5 Are stream crossings designed in accordance with the PGP, GC 21?		N/A

4. Flooding/Floodplain Values	Yes	No
4.1 Is the proposed project within the 100-year floodplain of an adjacent river or stream?		x
4.2 If 4.1 is yes, will compensatory flood storage be provided if the project results in a loss of flood storage?		N/A
5. Historic/Archaeological Resources		
If a minor or major impact project, has a copy of the Request for Project Review (RPR) Form (www.nh.gov/nhdhr/review) been sent to the NH Division of Historical Resources as required on Page 5 of the PGP?**		N/A

*Although this checklist utilizes state information, its submittal to the Corps is a Federal requirement.

** If project is not within Federal jurisdiction, coordination with NH DHR is not required under Federal law.

Minimum Expedited – PHOTOGRAPHS

Applicant: NHDOT Maintenance District 3

Location: Route 11, Gilford



Project Area Looking East



Project Area

Minimum Expedited – PHOTOGRAPHS

Applicant: NHDOT Maintenance District 3

Location: Route 11, Gilford



Project Area



Project Area

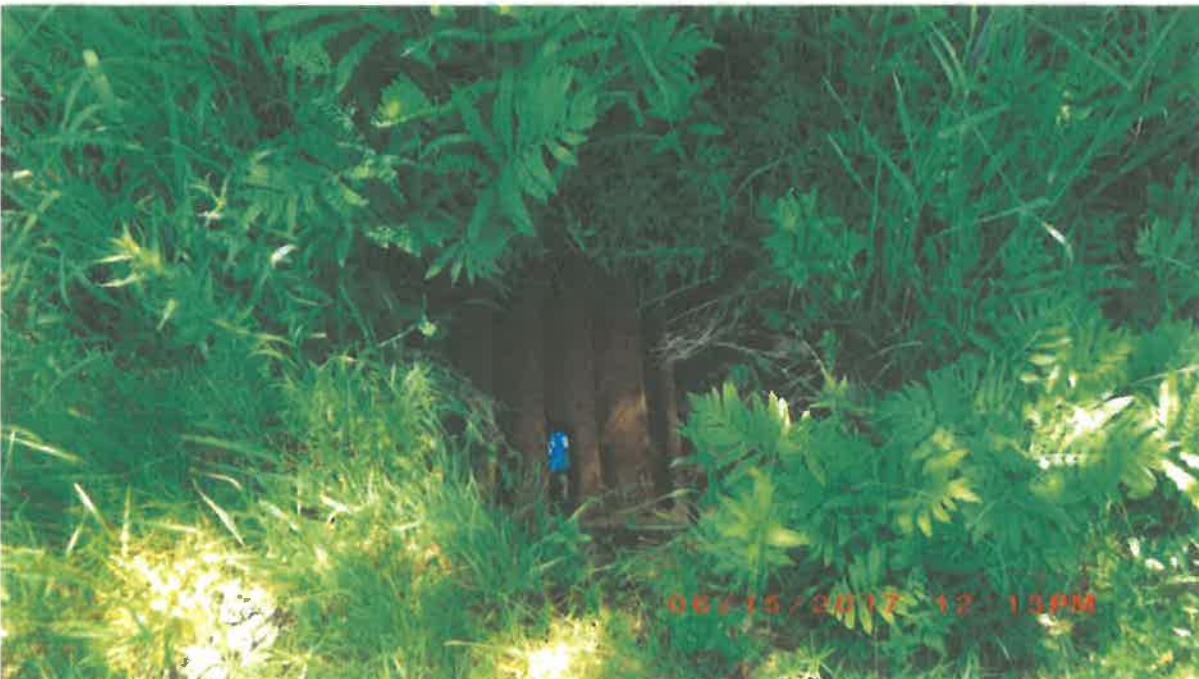
Minimum Expedited – PHOTOGRAPHS

Applicant: NHDOT Maintenance District 3

Location: Route 11, Gilford



Project Area Looking South @ Catch Basin



Catch Basin Top to be Changed to a Cover



Project Area - Road Widening and Catch Basin Relocation



Existing Catch Basin and Surrounding Emergent Marsh

Relocate Catch Basin Back 5-10ft





Project Area: Emergent Wetland Surrounding Catch Basin Fed by Man-Made Roadside Ditch

Construction Sequence

- Install BMPs such as silt fence or silt sock to protect surrounding wetlands prior to and during construction
- Clean out man made ditch leading to catch basin that is proposed to be installed
- Excavate area for installation of new catch basin
- Install new catch basin
- Connect existing catch basin with newly installed catch basin
- Adjust and Cap the existing catch basin to accommodate the shoulder widening.
- Place select material for paving
- Pave the widened shoulder
- Stabilize disturbed areas with humus and seed.
- Remove BMP's

LEGEND

TYPE OF WETLAND IMPACT	PERMANENT IMPACT
N.H.V.B. (NON-WETLAND)	
N.H.V.B. & A.C.O.E. (WETLAND)	

N.H.V.B. - NEW HAMPSHIRE WETLANDS BOARD
A.C.O.E. - ARMY CORP. OF ENGINEERS



WETLAND DESIGNATION NUMBER



WETLAND IMPACT LOCATION



WETLAND MITIGATION AREA



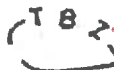
TEMPORARY IMPACTS



MITIGATION

 ORDINARY HIGH WATER

 TOP OF BANK

 TIDAL BUFFER ZONE

 TOP OF BANK &
ORDINARY HIGH WATER

SHOWN SMALLER THAN ACTUAL SIZE

WETLAND DESIGNATION	USFVS WETLAND CLASSIFICATION	LOCATION	AREA (S.F.)		
			N.H.V.B. (NON-WETLAND)	N.H.V.B. & A.C.O.E. (WETLAND)	TEMPORARY IMPACTS
1	PEM1E	A		25	
2	PEM1E	B			200
		C			
		D			
		E			
		F			
		G			
		H			
		I			

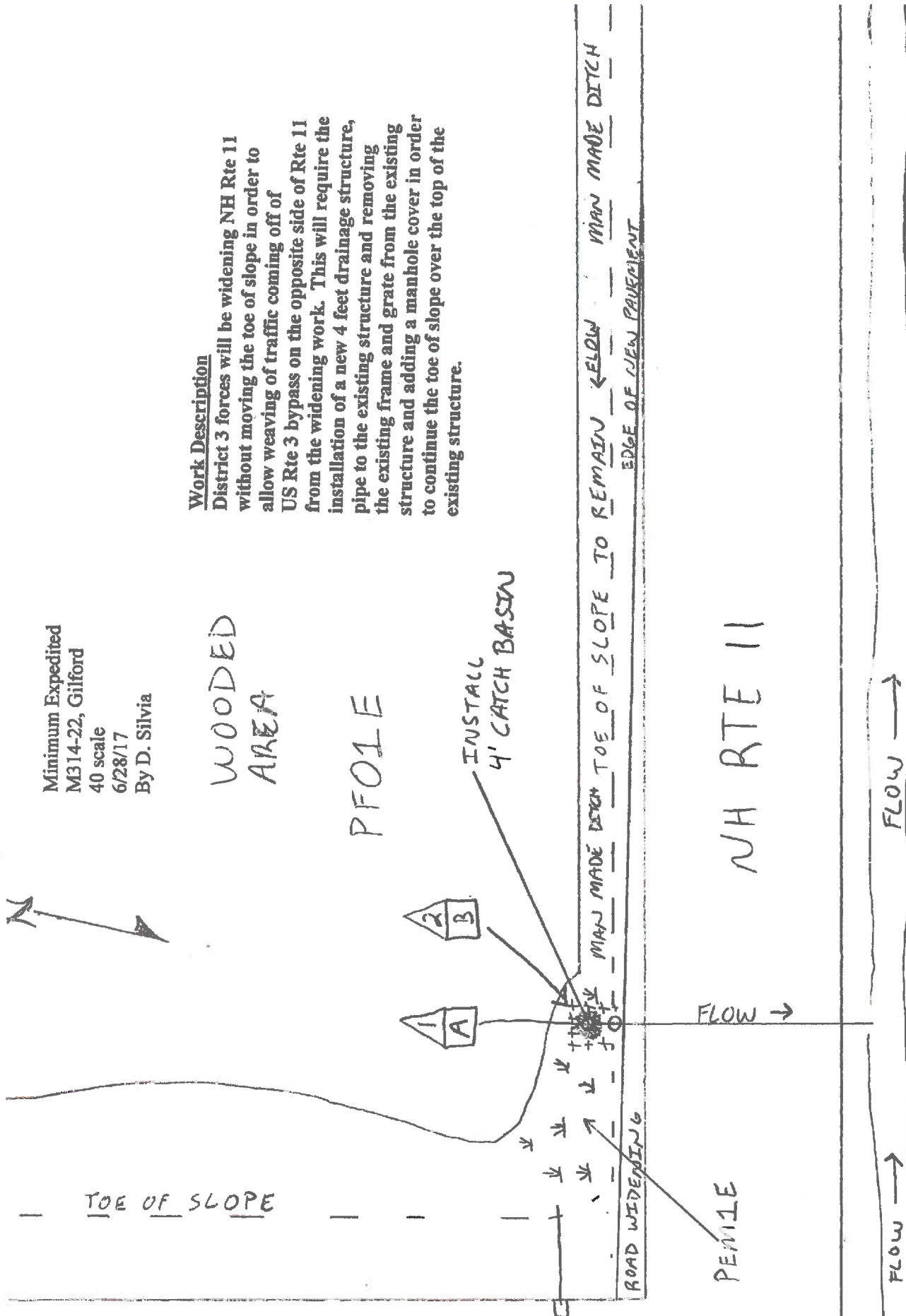
PERMANENT IMPACTS: 25 S.F.
TEMPORARY IMPACTS: 200 S.F.

TOTAL IMPACTS: 225 S.F.

Minimum Expedited
M314-22, Gilford
40 scale
6/28/17
By D. Silvia

WOODED
AREA

PFO1E



Work Description

District 3 forces will be widening NH Rte 11 without moving the toe of slope in order to allow weaving of traffic coming off of US Rte 3 bypass on the opposite side of Rte 11 from the widening work. This will require the installation of a new 4 foot drainage structure, pipe to the existing structure and removing the existing frame and grate from the existing structure and adding a manhole cover in order to continue the toe of slope over the top of the existing structure.

RSA 483-A:3 Excavating: Dredging Permit Exemptions
IV(b) Man-made nontidal ditches, roadside and railroad ditches... may be maintained repaired, replaced, or modified as necessary to preserve their usefulness without a